

# Fact Sheet



## For Draft/Proposed Significant Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on November 3, 2010.

Permit Number: **R30-02100002-2010**  
Application Received: **June 6, 2012**  
Plant Identification Number: **03-54-02100002**  
Permittee: **Dominion Transmission, Inc.**  
Facility Name: **Jones Station**  
Mailing Address: **445 West Main Street**  
**Clarksburg, WV 26301**

Permit Action Number: *SM02*      Revised: *Draft/Proposed*

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|                    |   |
|--------------------|---|
| Physical Location: | Lockney, Gilmer County, West Virginia   |
| UTM Coordinates:   | 502.87 km Easting • 4300.26 km Northing • Zone 17   |
| Directions:        | Interstate 79 to Burnsville Exit 79. Take Rt. 5 west. Go 15.1 miles to junction of Rt.33/119. Turn left and go 1.1 miles to Glenville stoplight. Continue through on Rt.33/119 south for 13 miles to Jones station on left. |

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### Facility Description

Jones Compressor Station is a natural gas facility covered by Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of two (2) 660-hp natural gas fired reciprocating engines, one (1) 112.2-hp gas fired emergency generator, one (1) 7.0 mmcf/day dehydration unit with flare, and eight (8) storage tanks of various sizes.

## Emissions Summary

The emission changes associated with this application are shown in the following table:

| Pollutant                              | Annual Emissions<br>Before this<br>modification<br>(tons/year) | Annual Emissions<br>After this<br>modification<br>(tons/year) | Emissions Change<br>(tons/year) |
|--|--|---|---------------------------------|
| Volatile Organic Compounds<br>(VOC)    | 63.54  | 63.62   | 0.08                            |
| Carbon Monoxide (CO)                   | 39.49  | 42.36   | 2.87                            |
| Nitrogen Oxides (NOx)                  | 258.7  | 259.08  | 0.38                            |
| Particulate Matter (PM <sub>10</sub> ) | 0.50   | 0.51  | <0.01                           |
| Total Particulate Matter (TSP)         | 0.50   | 0.51  | <0.01                           |
| Sulfur Dioxide (SO <sub>2</sub> )      | 0.03   | 0.04  | <0.01                           |
| Total HAPs*                            | 6.71   | 6.78  | <0.07                           |

\* HAPs are not speciated because no applicability was triggered.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 259.08 tons of NOx. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

### Federal and State:

|                                 |  |
|---------------------------------|--|
| 45CSR13                         | Permits For Construction, Modification   |
| 45CSR30                         | Operating permit requirement.  |
| 40 C.F.R. Part 60, Subpart JJJJ | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines                                 |
| 40 C.F.R. Part 63, Subpart ZZZZ | National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines |

State Only: N/A

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders

| Permit or<br>Consent Order Number | Date of<br>Issuance | Permit Determinations or Amendments That<br>Affect the Permit ( <i>if any</i> ) |
|-----------------------------------|---------------------|---|
| R13-2669B                         | September 10, 2012  | N/A   |

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B" which may be downloaded from DAQ's website.

## Determinations and Justifications

This is a significant modification (SM02) application received on June 6, 2012. The significant modification incorporates the requirements of Permit R13-2669B for the installation of a 112.2 horsepower, 4-Stroke Rich-Burn Natural Gas-Fired Cummins 75GGHF Emergency Generator.

**1) Emission Units Table, Section 1.1**

The table was updated to include the emergency generator.

**2) Section 3.0 – Condition 3.2.4** was added to include section 3.2.1 of R13-2669B.

**3) Section 5.0 –** In section 5.4.5, reference to section 5.3.3 is changed to 5.3.2 according to corresponding change in R13-2669B.

**4) Section 7.0 –** This section of the permit has been added for the emergency generator 002-01 and incorporates the requirements of R13-2669B and 40 C.F.R. 60 Subpart JJJJ.

**40 CFR 63, Subpart ZZZZ RICE MACT Applicability** – According to 40 C.F.R. § 63.6590 (c), emergency generator 002-01 must meet the requirements of 40 C.F.R. 63 Subpart ZZZZ by meeting the requirements of 40 C.F.R. 60 Subpart JJJJ as spelled out in R13-2669B. No further requirements apply for such engine under 40 C.F.R. 63 Subpart ZZZZ.

**5) 40 CFR Part 64 – Compliance Assurance Monitoring (CAM)**

According to 40 C.F.R. §64.2(a), CAM is not applicable to the generator because the generator does not have any control device.

## Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

**Greenhouse Gas Permitting** - There have been no modifications that have triggered a PSD permit. Therefore, there are no applicable GHG requirements.

## Request for Variances or Alternatives

None

## Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: September 27, 2012  
Ending Date: October 29, 2012

All written comments should be addressed to the following individual and office:

U.K. Bachhawat  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Point of Contact**

U.K. Bachhawat  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1256 • Fax: 304/926-0478

### **Response to Comments (Statement of Basis)**

None